

# Preface

Over the last twenty years, location based services (LBS) have become increasingly popular and have expanded into many areas of our daily lives. The success of LBS has been facilitated, driven, and accompanied by research activities of an active and growing community. Research on LBS still continues to improve and shape the future of LBS, driven by activities on topics including indoor and outdoor positioning, mapping, privacy, novel user interfaces, big data, smart environments, and citizen participation—just to name a few.

The LBS conference has become one of the main international research venues focusing on LBS. The 2018 edition of this conference is the first to be hosted at the Swiss Federal Institute of Technology (ETH Zurich, Switzerland), after 13 successful predecessor events in Vienna (2002, 2004, 2005), Hong Kong (2007), Salzburg (2008), Nottingham (2009), Guangzhou (2010), Vienna (2011), Munich (2012), Shanghai (2013), Vienna (2014), Augsburg (2015), and Vienna (2016).

This book contains sixteen full papers which have been accepted for LBS 2018 after a rigorous peer-reviewing process with a 42% acceptance rate. It is structured into four equal parts, covering a variety of ongoing and timely research topics in the fields: positioning, mapping, landmarks and mobility, location based social media, and citizen participation.

We would like to thank all authors for their excellent work and all reviewers for their critical and constructive comments. We hope you will find these papers interesting and relevant for your own work and look forward to your participation in one of the future LBS conferences.

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